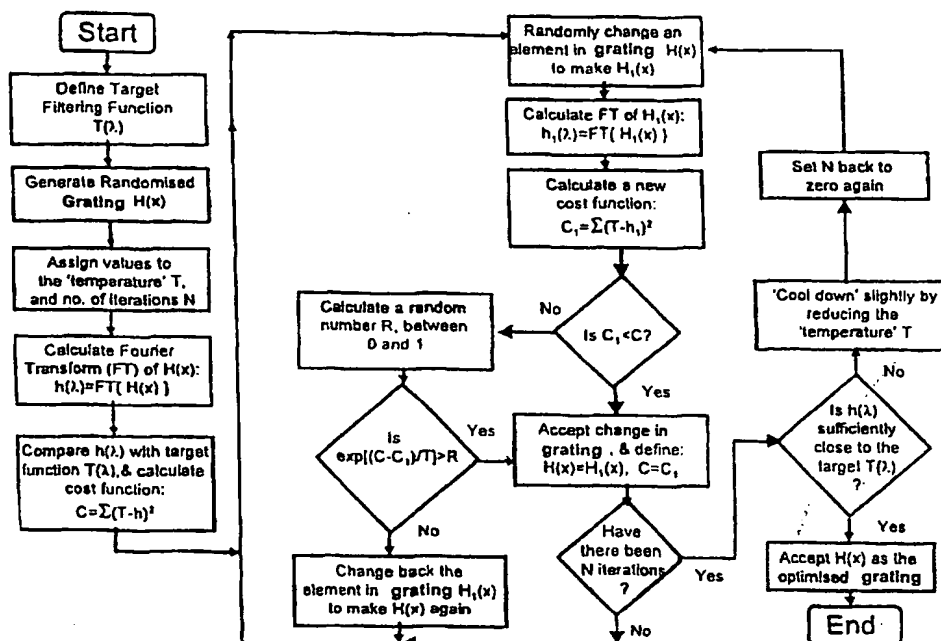




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(57) Abstract

The invention relates to the field of grating structures. The invention provides a longitudinal grating having an aperiodic structure, wherein the grating has a selected response characteristic and any repeated unit cell in the structure is significantly longer than a characteristic length associated with the selected response characteristic.

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